



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: October 10, 1980

TO: File

FROM: Cynthia Bachunas

CB

SUBJECT: Indiana / TDD #F5-8008-10A
East Chicago / Gatx Corp.

EPA Region 5 Records Ctr.



300415

On October 10, 1980 Rod Bloese, Cynthia Bachunas, and Ellen Jurczak of the Chicago FIT team traveled to Gatx Corporation of East Chicago, Indiana in order to take various measurements at existing monitoring wells on Gatx property.

At approximately 9:40 A.M., the FIT members arrived at the site and escorted by Mr. Dave Turner, Plant Manager of Gatx Corp., performed the necessary measurements to determine depth to water, total depth (both measured from the top of the casing), and distance between certain wells. All measurements taken are contained in the table attached. Measured distances between wells are also sketched on the attached site layout. The approximate location of well 7 (W-7) has also been sketched on the site layout. A more detailed sketch of the W-7 location is also attached. It should also be noted that both wells 7 and 3 contained quite a noticeable amount of oily material indicating possible contamination of these wells. A search for old wells 7 and 8 (OW-7 and OW-8) indicated on the site layout proved futile. The FIT team departed Gatx Corp. at approximately 11:00 A.M.

Presently, the water level elevations are being determined in order to evaluate groundwater flow direction and gradient at the subject site. A meeting with USEPA personnel (David Homer and Tim O'Mara) should be scheduled for the week of October 13, 1980 in order to determine additional needed information, if any, to conclude the subject TDD.

CB:pr

RECORD FOR GOUNDWATER OBSERVATIONS

DATE: 10-10-80

WELL NUMBER	TOP OF PIPE ELEVATION	DEPTH TO GROUNDWATER	TOTAL DEPTH
W-1	101.90	8.435 Ft.	21 Ft.
W-2	99.60	5.285 Ft.	22 Ft.
W-3	98.92	4.320 Ft.	21 Ft.
W-4	100.69	5.290 Ft.	22 Ft.
W-5	99.94	5.620 Ft.	21.3 Ft.
W-6	100.87	5.990 Ft.	21.8 Ft.
W-7	103.775	7.160 Ft.	21.5 Ft.

Distance Measured Between:

W5 and W2 -- 266 ft. 10 in.

W2 and W3 -- 127 ft. 7 in.

W3 and W5 -- 315 ft. 2 in.

(See Site Layout - Figure 3 attached)